

SEQUENCE CHARACTERISTICS:
 LENGTH: 1482 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: both
 TOPOLOGY: both
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1482
 US-08-805-166-1

alignment_scores: Quality: 2449.00 Length: 493
 Percent Similarity: 97.566 Percent Identity: 93.103

align seg 1/1 to: US-08-805-166-1 from: 1 to: 1482

1 M ETHRARGALaLeucySSerAlaLeuArgGlnAlaLeuLeuLeuAl 17
 1 ATGACCCCAGCCAGCCGCTCCGACTGAGCCCTGGCCCTCTGCCTGGC 50
 17 aAlaAlaAlaLagLuleuSerProGlyLeuLysCysValCysLeuLeuAl 17
 51 ATGGCTCTCGAGCTTGCGCAGACTGAGCTGAGTCGAGTCGCTCTTGCG 100
 34 SISerSerAsnPheThrCysGlnThrGluGlyAlaCysTrpAlaSerVal 50
 101 ATTCCTCAAACTTACCTGCCAACCGGAGAACATGGCTGGGCTCTG 150
 51 MetLeuThrAspGlyLysGluLysValLeuValLeuAla 17
 201 GGAACTAAATGCTCAGTCAGTCAGTCAGTCACACTGCCAACGCGACCHAGA 250
 84 hrgLcysCysPheThrAspHeCysAsnAsnAlaLeuLeuLeuLeuLeu 67
 301 ACACCATCCACAAAGGAAGAACAGGTGATCAAATCGCGCTCCCTCC 200
 67 oGluLeuAspAlaGlnValPheCysHisSerAsnValValThrVal 84
 201 GGAACTAAATGCTCAGTCAGTCAGTCACACTGCCAACGCGACCHAGA 250
 251 CGGAATGTTGCTTCACAGCTCTGCCAACACATCACTCTGCCAACCTCC 300
 101 ThrlaserProAsnAlaProLysLeuLysValProAsnValAsnValThrVal 134
 301 TATCAGTGTACCTGTTGCTCTGTCATCGAGCCATGCTAACATG 400
 117 eLethalProValCysLeuLeuSerIleAlaAlaMetLeuThrVal 134
 351 TATCAGTGTACCTGTTGCTCTGTCATCGAGCCATGCTAACATG 400
 144 rPalaCysGlnGlyArgGlnCysSerTyArgLysLysArgProAsn 150
 401 GGCCTGCCAGGCCAGTGCACATACAGGAAGACCAAGACAACT 450
 151 ValGluGluProLeuSerGluCysAsnLeuValAsnAlaGlyLysThrIle 167
 451 GCGGAGAACCTGGCAGAGTACAGCCTTGCAATGCTGGAAACCT 500
 167 uLysAspLeuIleTyRspValThrAlaSerGlySerGlyLeuP 184
 501 CAAGATCTGATTATGATGCCACTGCCTCGGCTTAGGATCGGCCNGC 550
 184 roleuIleValGlnArgThrIleAlaArgThrIleAlaLeuLeuGlnIle 200
 551 CTCTTGTGTCAGAACATGCCAGGACATGTACTTCAGAAATC 600
 201 ValGlyLysGlyArgPheGlyGluValThrPhsGlyArgTpcyGlyGly 217
 601 GTGAGGAAGGTGGCTGGGAGGTGGCACGGAGATGGTGTGAGA 650

251 GlyPheIleAlaAlaAspAsnLysAspAsnGlyLysAspGlyLysAsp 251
 701 GTGAGGCAGAAATTATAGACGGTATGCTGAGACATGAGAAATTC 750
 234 rGluAlaGluLysGlyGlnThrValMetLeuAlaGlyGluAspIleLeu 234
 751 GGTTCATCGCGCCGACACAAAGATATGGACACTGACTGCTTG 800
 267 pIeuValSerGlyUtyRhrGlyIeuGlyGlySerIeuTyAspTyLeuAsn 267
 801 GCNTGTCAGAGTATACAGACGGGCTCCCTATATGACTATGATA 850
 284 rGAsnIleValThrValAlaGlyMetLeuLeuLeuAla 300
 851 GAAACATAGTGCAGCCTGGCTGGAATGTCAGTGCGCTTCATGGC 900
 301 SerGlyLeuAlaHisLeuHisMetGluLeuValGlyThrGlnGlyLys 301
 901 AGTGGCTGGCCACCTACACATGAGATCTGGGCACTCAGGTAGCC 950
 317 oAlaLeuAlaLysArgAspIleLeuLysSerLysAsnIleLeuValLys 317
 951 TGCTATGCTCACCGAGATAATAAGTCAAAGATAATCTTGTCAAAGT 1000
 334 ySGLuLhCysAlaIleAlaAspLeuLysLeuAlaValLysHisSPer 350
 1001 GTGACACTTGCCATAGCTGACTTAGTGGCTGGCTGTGAACATGATCT 1050
 351 IleLeuAsnThrIleAspIleProGlnAlaProLysValGlyLysIle 351
 1051 ATCATGAGACTACTATGATATACCCAGAACATCTTAAGTGGAAACAGAG 1100
 367 gTyrMetAlaProGluMetLeuAspAspThrMetAsnValAsnIlePhe 367
 1101 GTATATGCTCCGAAAGCTGATGATAAACATGACCTCACATCTTG 1150
 384 IuSerPhenylsArgAlaAspIleTyrsSerValGlyLeuValTyRspIu 400
 1151 AGRCCTCAAGCCAGTCACATATTCGGTGGGGCTGTTACTGGAA 1200
 401 IleAlaArgCysSerValGlyGlyIleValGluGlyUtyTyrglnIleP 401
 1201 ATAGCTGGAAAGTGTCTGAGCTGGAGACTTGTGAAGTACAGTGGCC 1250
 417 oTyrTpaSphMetValProSerAspProSerIleLeuGluLysMetArgLys 417
 1251 TATATGACATGGGCTTCAGATCTTCATAGAGGAATGAGGAG 1300
 434 alvaCysAspGlnLysPheArgProSerIleProIleGlnTrpGlnIse 450
 1301 TCGTGTGTCAGAACACTGCCAACAAACAGGAAAG 1350
 451 CysGluAlaLeuArgValMetGlyArgIleMetArgGlyCysTPTyAl 467
 1351 TGTGAGGCCCTCGGGCTATGGGAGAAATGCTGAGATGGCTGTGCT 1400
 467 aAsnGlyAlaAlaArgLeuLysThrAlaLeuArgIleLysLysThrIleSerG 484
 1401 CAACGGGGAGCTGCCCTACGCCCTGGCTGAGAGAACATTCTC 1450
 484 InreCysAlaLysGluAspCysIysAla 493
 1451 AGCCTGTCAGGAAGCTGTGAGGC 1479

seq_name: /cgn2.6/ptodata/2/1na/5B_COMBO.seq:US-08-805-169-1
 seq_documentation_block:

GENERAL INFORMATION

APPlicant: *rg d n, Mikael*
APPLICANT: *J rnvall, Henrik*
TITLE OF INVENTION: *A No. 5811245el Serine Threonine*
NUMBER OF SEQUENCES: *6*
CORRESPONDENCE ADDRESS:
ADDRESSEE: *Stern, Kessler, Goldstein & Fox*
STREET: *1100 New York Avenue, Suite 600*
CITY: *Washington*
STATE: *DC*
COUNTRY: *USA*
ZIP: *20005*
COMPUTER READABLE FORM:
COMPUTER: *IBM PC compatible*
OPERATING SYSTEM: *PC-DOS/MS-DOS*
SOFTWARE: *Patentin Release #1.0, version #1.25*
CURRENT APPLICATION DATA:
APPLICATION NUMBER: *US/08/805,169*
FILING DATE: *24-FEB-1997*
CLASSIFICATION: *536*
FOR APPLICATION DATA:
APPLICATION NUMBER: *08/341,916*
FILING DATE: *15-NOV-1994*
ATTORNEY/AGENT INFORMATION:
NAME: *Goldstein, Jorge A.*
REGISTRATION NUMBER: *29,021*
REFERENCE/DOCKET NUMBER: *1459.0230001*
TELECOMMUNICATION INFORMATION:
TELEPHONE: *(202)371-2600*
TELEFAX: *(202)371-2540*
INFORMATION FOR SEQ ID NO: *1:*
SEQUENCE CHARACTERISTICS:
LENGTH: *1482 base pairs*
TYPE: *nucleic acid*
STRANDEDNESS: *both*
TOPOLOGY: *both*
FEATURE:
NAME/KEY: *CDS*
LOCATION: *1..1482*
-08-805-169-1

alignment_scores:
S 169-228-2 x US-08-805-169-1 ..
S 169-228-2 x US-08-805-169-1 ..
align seq 1/1 to: US-08-805-169-1 from: 1 to: 1482
align seq 1/1 to: US-08-805-169-1 from: 1 to: 1482
1 MetThrArgAlaLeuLeuCysSerAlaLeuArgGlnAlaLeuLeuLeu
1 MetThrArgAlaLeuLeuCysSerAlaLeuArgGlnAlaLeuLeuLeu
1 ATGACCCAGCAAGCCCTCGCACTGAGCTGGCCCTCTGGCTGGT
17 AlaAlaAlaAlaGluLeuSerProGlyLeuLysCysValCysLeuLeu
17 AlaAlaAlaAlaGluLeuSerProGlyLeuLysCysValCysLeuLeu
1 MetLeuThrAsnGlyLysGluGlnValValLeuLysSerCysValSerIeu
51 MetGCGCTCGGACTCTGGCAGGACTGAGCTGTTGTTGTTGTTGTTG
51 ACTGGCCTCGGACTCTGGCAGGACTGAGCTGTTGTTGTTGTTGTTG
151 ATGCTTACCAACGGAAAGAGCAGGTGATCAAATCTGGCTGCCCTC
34 SPSSerSerAsnPheThrCysGlnThrGluGlyAlaCystPalaSerV
67 ogluleuAsnAlaGlyIvalPheCysIleSerSerAsnAsnValThrI
101 ATTCCTCAACTTACTGCGCAAACGAAGGAGCAGCTGGCCCTCGG
51 MetLeuThrAsnGlyLysGluGlnValValLeuLysSerCysValSerIeu
151 ATGCTTACCAACGGAAAGAGCAGGTGATCAAATCTGGCTGCCCTC
201 GGAACTAATGCTCAGTCCTGTCAGTCAGTCACAGTCACAACTGACCAAA